



AUTOMATIC TANK GAUGE OPERATION INSPECTION

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF WASTE MANAGEMENT - UST PROGRAM

SFN 62220 (09-2022)

Telephone: 701-328-5166

Fax: 701-328-5200

Email: ndust@nd.gov

Website: <https://deq.nd.gov/wm>

Clear Form

This procedure is to determine whether the automatic tank gauge (ATG) is operating properly. See PEI/RP1200-17, Section 8.2 for inspection procedures. This procedure is applicable to tank level monitor stems that touch the bottom of the tank when in place.

FACILITY INFORMATION

Facility Name		Telephone Number	
Address	City	State	Zip Code

TESTER INFORMATION

Name of Tester	Name of Company		
Address	City	State	Zip Code
Telephone Number	Email Address		

ATG OPERATION INSPECTION

Date of Test:	Tank ID	Tank ID	Tank ID	Tank ID	Tank ID
1. Tank Volume, gallons					
2. Tank Diameter, inches					
3. After removing the ATG from the tank, it has been inspected and any damaged or missing parts replaced?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Float moves freely on the stem without binding?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Fuel float level agrees with the value programmed into the console?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Water float level agrees with the value programmed into the console?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Inch level from bottom of stem when 90% alarm is triggered.					
8. Inch level at which the overfill alarm activates corresponds with value programmed in the gauge?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Inch level from the bottom when the water float first triggers and alarm.					
10. Inch level at which the water float alarm activates corresponds with the value programmed in the gauge?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Pass/Fail Criteria: If any answers to Lines 3, 4, 5, or 6 are "No", the system has failed the test.

Test Results	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
---------------------	---	---	---	---	---

Comments:
